

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

The application has been amended as follows:

1) In claims 8 and 9, line 1, recitation "The liquid crystal display panel of claim 6, . . ." should be changed into - - The liquid crystal display panel of claim 1, . . . - - as the claim 6 is canceled.

2) In claims 19 and 20, line 1, recitation "The liquid crystal display panel of claim 17, . . ." should be changed into - - The liquid crystal display panel of claim 11, . . . - - as the claim 17 is canceled.

Allowable Subject Matter

1. Claims 1, 3-5, 7-9, 11, 13-16 and 18-20 are allowed.

2. The following is an examiner's statement of reasons for allowance:

Claims 1, 3-5, 7-9, 11, 13-16 and 18-20 are allowable because the prior art of record neither anticipated nor rendered obvious that a liquid crystal panel comprises various related elements as claimed with specific features recited in the claims 1 and 11 as follows:

a seal pattern on the over-coat layer, the seal pattern including a support member and entirely overlapped with the black matrix (as shown in Fig.5), the support member including a glass ball or glass fiber; wherein a thickness(t) of the over-coat layer is $3\mu\text{m} < t < 5\mu\text{m}$, the thickness on the first substrate absorbing an external force to prevent the compression or depression of the black matrix and the glass ball or glass fiber having a diameter of about $\pm 1\mu\text{m}$ compared to the cell gap between the first and second substrates, wherein the black matrix is extended to an end portion of the first substrate so that the side surface of black matrix is exposed to the outside of the attached first and second substrates as shown in Fig.5 or Fig.7.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mike Qi whose telephone number is (571) 272-2299. The examiner can normally be reached on M-T 7:30 am-6:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Nelms can be reached on (571) 272-1787. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2871

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Mike Qi/
Primary Examiner, Art Unit 2871